

811 Consolidated Service Invoice/Statement

Functional Group ID= **CI**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Consolidated Service Invoice/Statement Transaction Set (811) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the billing or reporting of complex and structured service invoice/statement detail. This standard can be used by organizations who are interested in sending or receiving either consolidated or standalone invoices for service arrangements which require processing other than that done for the typical product invoice. The Consolidated Service Invoice/Statement can be used as a credit/debit memo to differentiate between payable invoice items and information-only memo items. This transaction set should not be used as a standalone notification of a credit/debit adjustment.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6	010	ST	Transaction Set Header	M	1		
7	020	BIG	Beginning Segment for Invoice	M	1		
9	030	NTE	Note/Special Instruction	O	100		
10	040	CUR	Currency	O	1		
13	050	REF	Reference Identification	O	>1		
15	060	PER	Administrative Communications Contact	O	3		
17	070	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
19	080	DTM	Date/Time Reference	O	10		
21	090	TXI	Tax Information	O	>1		
LOOP ID - N1						>1	
23	100	N1	Name	O	1		
25	110	N2	Additional Name Information	O	2		
26	120	N3	Address Information	O	2		
27	130	N4	Geographic Location	O	1		
28	140	REF	Reference Identification	O	12		
30	150	PER	Administrative Communications Contact	O	3		
32	155	DMG	Demographic Information	O	1		
LOOP ID - FA1						>1	
34	170	FA1	Type of Financial Accounting Data	O	1		
35	180	FA2	Accounting Data	M	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - HL						>1	
36	010	HL	Hierarchical Level	M	1		n1

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			LOOP ID - LX		>1	
38	020	LX	Assigned Number	O	1	
39	025	VEH	Vehicle Information	O	1	
41	030	SI	Service Characteristic Identification	O	8	
43	040	PID	Product/Item Description	O	200	
45	045	MEA	Measurements	O	20	
48	050	REF	Reference Identification	O	>1	
50	060	AMT	Monetary Amount	O	5	
52	070	DTM	Date/Time Reference	O	8	
54	080	TXI	Tax Information	O	>1	
			LOOP ID - QTY		10	
56	090	QTY	Quantity	O	1	
58	100	SI	Service Characteristic Identification	O	1	
			LOOP ID - NM1		1	
60	110	NM1	Individual or Organizational Name	O	1	n2
62	120	N2	Additional Name Information	O	2	
63	130	N3	Address Information	O	2	
64	140	N4	Geographic Location	O	1	
65	150	REF	Reference Identification	O	2	
67	160	PER	Administrative Communications Contact	O	>1	
69	170	TXI	Tax Information	O	>1	
71	175	DMG	Demographic Information	O	1	
			LOOP ID - ITA		>1	
73	180	ITA	Allowance, Charge or Service	O	1	
75	190	DTM	Date/Time Reference	O	1	
76	200	TXI	Tax Information	O	>1	
			LOOP ID - IT1		999999	
78	210	IT1	Baseline Item Data (Invoice)	O	1	n3
82	220	SI	Service Characteristic Identification	O	2	
84	230	PID	Product/Item Description	O	200	
86	235	MEA	Measurements	O	20	
89	240	INC	Installment Information	O	1	
91	250	TXI	Tax Information	O	>1	
93	260	REF	Reference Identification	O	8	
96	270	DTM	Date/Time Reference	O	10	
98	280	MSG	Message Text	O	>1	
99	285	AMT	Monetary Amount	O	1	
			LOOP ID - QTY		>1	
100	290	QTY	Quantity	O	1	
102	300	SI	Service Characteristic Identification	O	1	
			LOOP ID - ITA		10	
104	310	ITA	Allowance, Charge or Service	O	1	
108	320	DTM	Date/Time Reference	O	1	
110	330	TXI	Tax Information	O	>1	
			LOOP ID - NM1		>1	
112	340	NM1	Individual or Organizational Name	O	1	

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114	350	N2	Additional Name Information	O	2	
115	360	N3	Address Information	O	2	
116	370	N4	Geographic Location	O	1	
117	380	PER	Administrative Communications Contact	O	3	
119	385	NX2	Location ID Component	O	>1	n4
120	387	DMG	Demographic Information	O	1	
LOOP ID - SLN					>1	
122	390	SLN	Subline Item Detail	O	1	n5
127	400	SI	Service Characteristic Identification	O	2	
129	410	PID	Product/Item Description	O	200	
131	415	MEA	Measurements	O	20	
134	420	CUR	Currency	O	1	
137	430	INC	Installment Information	O	1	
139	440	ITA	Allowance, Charge or Service	O	10	
141	450	TXI	Tax Information	O	>1	
143	460	REF	Reference Identification	O	>1	
145	470	PER	Administrative Communications Contact	O	3	
147	480	DTM	Date/Time Reference	O	10	
148	490	AMT	Monetary Amount	O	15	
149	500	MSG	Message Text	O	>1	
LOOP ID - QTY					>1	
150	510	QTY	Quantity	O	1	
152	520	SI	Service Characteristic Identification	O	1	
LOOP ID - NM1					>1	
154	530	NM1	Individual or Organizational Name	O	1	
156	540	N2	Additional Name Information	O	2	
157	550	N3	Address Information	O	2	
158	560	N4	Geographic Location	O	1	
159	570	REF	Reference Identification	O	8	
161	580	PER	Administrative Communications Contact	O	3	
163	585	DMG	Demographic Information	O	1	
LOOP ID - TCD					>1	
165	590	TCD	Itemized Call Detail	O	1	n6
167	600	SI	Service Characteristic Identification	O	2	
169	610	TXI	Tax Information	O	>1	
171	615	ITA	Allowance, Charge or Service	O	>1	
LOOP ID - QTY					>1	
173	617	QTY	Quantity	O	1	
175	618	SI	Service Characteristic Identification	O	1	
LOOP ID - USD					>1	
177	620	USD	Usage-Sensitive Detail	O	1	n7
181	625	SI	Service Characteristic Identification	O	2	
183	630	ITA	Allowance, Charge or Service	O	2	
185	640	TRF	Rating Factors	O	18	
LOOP ID - QTY					>1	
188	650	QTY	Quantity	O	1	

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190	660	SI	Service Characteristic Identification	O	1	
LOOP ID - III						>1
192	670	III	Information	O	1	
194	680	DTP	Date or Time or Period	O	5	
195	690	AMT	Monetary Amount	O	5	
196	700	PCT	Percent Amounts	O	5	
LOOP ID - LQ						>1
197	710	LQ	Industry Code	O	1	
198	720	AMT	Monetary Amount	O	5	
199	730	PCT	Percent Amounts	O	5	
LOOP ID - FA1						>1
200	740	FA1	Type of Financial Accounting Data	O	1	
201	750	FA2	Accounting Data	M	>1	

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
202	010	TDS	Total Monetary Value Summary	M	1		
LOOP ID - ITA						>1	
203	020	ITA	Allowance, Charge or Service	O	1		
205	030	DTM	Date/Time Reference	O	1		
206	035	REF	Reference Identification	O	5		
LOOP ID - BAL						>1	
208	040	BAL	Balance Detail	O	1		
209	050	DTM	Date/Time Reference	O	1		
LOOP ID - N1						>1	
210	060	N1	Name	O	1		
LOOP ID - BAL						>1	
211	070	BAL	Balance Detail	O	1		
212	080	DTM	Date/Time Reference	O	1		
LOOP ID - ITA						>1	
213	090	ITA	Allowance, Charge or Service	O	1		
215	100	DTM	Date/Time Reference	O	2		
216	102	AMT	Monetary Amount	O	1		
217	103	SI	Service Characteristic Identification	O	2		
219	105	REF	Reference Identification	O	5		
221	106	CUR	Currency	O	1		
LOOP ID - LX						>1	
224	107	LX	Assigned Number	O	1		
225	108	REF	Reference Identification	O	1		
LOOP ID - AMT						>1	
227	109	AMT	Monetary Amount	O	1		
228	110	DTM	Date/Time Reference	O	1		
LOOP ID - ITA						>1	

229	111	ITA	Allowance, Charge or Service	O	1	
231	112	DTM	Date/Time Reference	O	1	
232	115	CTT	Transaction Totals	O	1	n8
233	120	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Valid codes for HL03 to define levels for this transaction set are given below: 1 - Service/Billing Provider (Identifies the Company Providing the Service/Billing) 2 - Billing Arrangement (Identifies a Specific Billing Arrangement) 3 - Sub-billing Arrangement (Identifies a More Detailed Billing Arrangement) 4 - Group (Identifies a Group of Charges on the Bill) 5 - Category (Identifies the Subdivision of the Group) 6 - Subcategory (Identifies a Further Breakdown of the Category) 7 - Type (Identifies a Further Breakdown of the Subcategory) 8 - Charge Detail (Identifies the Lowest Level of Charges within a Billing Arrangement) 9 - Line Detail (Identifies the Supporting Detail Associated with the Charge or Group Level) They must be used in the (hierarchical) order in which they are listed; however, certain levels are optional and may be omitted. At least one occurrence each of the service/billing provider level and group level is required.
2. When used for telecommunications billing, the service/billing provider level is defined by the NM1 loop.
3. The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.
4. The NX2 segment is used to convey parsed address information.
5. The SLN loop may only appear at the charge detail level.
6. The TCD loop may only appear at the line detail level.
7. The USD loop may only appear at the line detail level.
8. The number of line items (CTT01) is the accumulation of the number of IT1 segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			811 Consolidated Service Invoice/Statement	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>A unique number assigned by the originator of the transaction set, or by the originator's application program.</i>	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	BIG01	373	Date Date expressed as CCYYMMDD <i>Use for the invoice date.</i>	M DT 8/8
Must Use	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
Not Used	BIG03	373	Date Date expressed as CCYYMMDD	O DT 8/8
	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <i>Use for the Contract Number.</i>	O AN 1/22
Not Used	BIG05	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
Not Used	BIG06	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
	BIG07	640	Transaction Type Code Code specifying the type of transaction CI Consolidated Invoice ME Memorandum	O ID 2/2
	BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation	O ID 2/2

			07	Duplicate	
	BIG09	306	Action Code		O ID 1/2
			Code indicating type of action		
			F	Final	
Not Used	BIG10	76	Invoice Number		O AN 1/22
			Identifying number assigned by issuer		

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:**Semantic Notes:**

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment:	CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	

CUR06	669	Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR07	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR08	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	
CUR09	337	Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR10	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR11	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR12	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR13	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR14	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR15	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR16	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR17	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR18	337	Time	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
CUR20	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR21	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment: **REF** **Reference Identification**
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		12	Billing Account Account number under which billing is rendered <i>Account Number under which billing is rendered.</i>	
		14	Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized <i>Account number used to represent individual billing accounts which have been consolidated and/or summarized.</i>	
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30

Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **PER** **Administrative Communications Contact**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Contact Functional Code at Issuing Bank.</i>	
			DC Delivery Contact	
			EA EDI Coordinator	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			EM Electronic Mail	
			FX Facsimile	
			TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER09	443	Contact Inquiry Reference	O AN 1/20
			Additional reference number or description to clarify a contact number	

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	070
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		03 Fixed Date	
		16 Prompt Payment Act	
ITD02	333	Terms Basis Date Code	O ID 1/2
		Code identifying the beginning of the terms period	
		<i>Use any appropriate code to define the beginning of the terms period, e.g., code 3 = Invoice.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	ITD03	338 Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
Not Used	ITD04	370 Terms Discount Due Date	X DT 8/8
		Date payment is due if discount is to be earned expressed in format CCYYMMDD	
Not Used	ITD05	351 Terms Discount Days Due	X N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used	ITD06	446 Terms Net Due Date	O DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD	
	ITD07	386 Terms Net Days	O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)	
Not Used	ITD08	362 Terms Discount Amount	O N2 1/10

			Total amount of terms discount	
Not Used	ITD09	388	Terms Deferred Due Date	O DT 8/8
			Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	
Not Used	ITD10	389	Deferred Amount Due	X N2 1/10
			Deferred amount due for payment	
Not Used	ITD11	342	Percent of Invoice Payable	X R 1/5
			Amount of invoice payable expressed in percent	
Not Used	ITD12	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	ITD13	765	Day of Month	X N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
	ITD14	107	Payment Method Code	O ID 1/2
			Code identifying type of payment procedures	
			<i>Other codes than those listed may be required.</i>	
			C Pay By Check	
			E Electronic Payment System	
Not Used	ITD15	954	Percent	O R 1/10
			Percentage expressed as a decimal	

Segment: **DTM** Date/Time Reference

Position: 080

Loop:

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		186	Invoice Period Start	
			When the billing period covered by an invoice begins	
		187	Invoice Period End	
			When the billing period covered by an invoice ends	
		359	Cycle End	
			Date on which the cycle ends	
			<i>Cycle closing date.</i>	
		814	Payment Due Date	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	DTM06	1251	Date Time Period	X AN 1/35
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Expression of a date, a time, or range of dates, times or dates and times

Segment: **TXI** Tax Information

Position: 090

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	TXI01	963 Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782 Monetary Amount	X R 1/18
		Monetary amount	
	TXI03	954 Percent	X R 1/10
		Percentage expressed as a decimal	
	TXI04	955 Tax Jurisdiction Code Qualifier	X ID 2/2
		Code identifying the source of the data used in tax jurisdiction code	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956 Tax Jurisdiction Code	X AN 1/10
		Code identifying the taxing jurisdiction	
	TXI06	441 Tax Exempt Code	X ID 1/1
		Code identifying exemption status from sales and use tax	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI07	662 Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI08	828 Dollar Basis For Percent	O R 1/9
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
	TXI09	325 Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

(state, county, etc.); often called a tax exemption number or certificate number

TXI10	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment:	N1 Name
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>If there is a 1/N1/100 loop with N101 code PR, there will be AO loops (Account of) at lower HL levels, i.e., HL levels 02-06 and 07. If there is a 1/N1/100 loop with code BT (Bill to), i.e., receiving the bill, not paying, there will be PR loops down in the lower HL segments, or AOs. Depending on the level at which the PR loop is found, there maybe AOs at the lower levels.</i>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		57 Servicing Organization	
		BT Bill-to-Party	
		<i>Entity receiving the bill, not necessarily paying.</i>	
		PE Payee	
		<i>Entity being paid.</i>	
		PR Payer	
		<i>Entity paying the bill.</i>	
		RI Remit To	
		<i>Note from spreadsheet: Describe in IC situations in which this is used.</i>	
N102	93	Name	X AN 1/60
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

			FA	Facility Identification		
Not Used	N104	67	Identification Code		X	AN 2/80
			Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code		O	ID 2/2
			Code describing entity relationship			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	N106	98	Entity Identifier Code		O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			Refer to 004010 Data Element Dictionary for acceptable code values.			

Segment: **N2** Additional Name Information
Position: 110
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment: **N3** Address Information
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
			<i>Street address.</i>	
Not Used	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 130
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
Not Used	N404	26 Country Code	O ID 2/3
		Code identifying the country	
Not Used	N405	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	N406	310 Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment:	REF Reference Identification
Position:	140
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **PER** **Administrative Communications Contact**
Position: 150
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			CR Customer Relations	
			SE Service Organization	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	

Not Used	PER09	443	Contact Inquiry Reference	O AN 1/20
Additional reference number or description to clarify a contact number				

Segment: **DMG** Demographic Information
Position: 155
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To supply demographic information
Syntax Notes: 1 If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes: 1 DMG02 is the date of birth.
 2 DMG07 is the country of citizenship.
 3 DMG09 is the age in years.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
DMG01	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG02	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
DMG03	1068	Gender Code	O ID 1/1
		Code indicating the sex of the individual Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG04	1067	Marital Status Code	O ID 1/1
		Code defining the marital status of a person Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG05	1109	Race or Ethnicity Code	O ID 1/1
		Code indicating the racial or ethnic background of a person; it is normally self-reported; Under certain circumstances this information is collected for United States Government statistical purposes Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG06	1066	Citizenship Status Code	O ID 1/2
		Code indicating citizenship status Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG07	26	Country Code	O ID 2/3
		Code identifying the country	
DMG08	659	Basis of Verification Code	O ID 1/2
		Code indicating the basis of verification Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG09	380	Quantity	O R 1/15
		Numeric value of quantity	

Segment: **FA1** Type of Financial Accounting Data
Position: 170
Loop: FA1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:**Data Element Summary**

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA101	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA102	1300	Service, Promotion, Allowance, or Charge Code	O ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA103	248	Allowance or Charge Indicator	O ID 1/1
			Code which indicates an allowance or charge for the service specified	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **FA2** Accounting Data
Position: 180
Loop: FA1 Optional
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	FA201	1196	Breakdown Structure Detail Code	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	FA202	1195	Financial Information Code	M AN 1/80
			Code representing financial accounting information	

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	HL01	628 Hierarchical ID Number	M AN 1/12
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
		<i>Sequential number assigned to this HL segment.</i>	
	HL02	734 Hierarchical Parent ID Number	O AN 1/12
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
		<i>Not used at HLI (Card Issuer Level).</i>	
Must Use	HL03	735 Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		1	Service/Billing Provider
			Code identifying the telecommunications company providing service/billing

			<i>Use to indicate the Issuing Bank.</i>
2		Billing Arrangement	Code identifying a specified billing arrangement
			<i>Use to indicate client organization level 1.</i>
3		Sub-Billing Arrangement	Code identifying a more detailed billing arrangement
			<i>Use to indicate client organization level 2.</i>
4		Group	Code identifying a group of charges on the bill
			<i>Use to indicate client organization level 3.</i>
5		Category	Code identifying the sub-division of the group
			<i>Use to indicate client organization level 4.</i>
6		Sub-Category	Code identifying a further breakdown of the category
			<i>Use to indicate client organization level 5.</i>
7		Type	Code identifying a further breakdown of the sub-category
			<i>Use to indicate card holder/account level.</i>
8		Charge Detail	Code identifying the lowest level of charges within a billing arrangement
			<i>Use to indicate transaction level.</i>
HL04	736	Hierarchical Child Code	O ID 1/1
		Code indicating if there are hierarchical child data segments subordinate to the level being described	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **LX** Assigned Number
Position: 020
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use of the LX loop is required.*

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	

Segment: VEH Vehicle Information**Position:** 025**Loop:** LX Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To provide descriptions that identify a specific vehicle**Syntax Notes:** 1 If VEH04 is present, then at least one of VEH05 or VEH07 is required.

2 If VEH05 is present, then VEH04 is required.

3 If VEH06 is present, then both VEH04 and VEH05 are required.

4 If VEH07 is present, then VEH04 is required.

Semantic Notes: 1 VEH04 applies to VEH05, VEH06, and VEH07.

2 VEH05 is the vehicle make.

3 VEH06 is the vehicle model.

4 VEH07 is the vehicle style.

5 VEH08 is the length of a vehicle measured in feet.

6 VEH09 is the vehicle reference number.

7 VEH10 is the vehicle registration state or province.

8 VEH11 is used to identify a territory as defined by trading partners.

9 VEH12 is the used car indicator. A "Y" indicates the vehicle is a used vehicle; an "N" indicates the vehicle is a new vehicle. A value of "U" indicating 'unknown' cannot be used.

10 VEH13 is the original cost of the vehicle when it was new (i.e., OCN - original cost new).

11 VEH14 is the vehicle altered indicator. A "Y" indicates the vehicle was altered; an "N" indicates the vehicle was not altered. A value of "U" indicating 'unknown' cannot be used.

12 VEH15 is the value of alterations for a vehicle.

Comments:**Data Element Summary**

Ref.	Data		
Des.	Element	Name	Attributes
VEH01	554	Assigned Number	O N0 1/6
		Number assigned for differentiation within a transaction set	
VEH02	539	Vehicle Identification Number	O AN 1/25
		Unique identification number stamped on the vehicle by the manufacturer	
VEH03	1095	Year	O N0 4/4
		Four position designation of the year expressed as CCYY	
VEH04	559	Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
VEH05	751	Product Description Code	X AN 1/12
		A code from an industry code list which provides specific data about a	

		product characteristic	
VEH06	751	Product Description Code	O AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
VEH07	751	Product Description Code	X AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
VEH08	82	Length	O R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
VEH09	127	Reference Identification	O AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
VEH10	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
VEH11	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
VEH12	1073	Yes/No Condition or Response Code	O ID 1/1
		Code indicating a Yes or No condition or response	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
VEH13	610	Amount	O N2 1/15
		Monetary amount	
VEH14	1073	Yes/No Condition or Response Code	O ID 1/1
		Code indicating a Yes or No condition or response	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
VEH15	610	Amount	O N2 1/15
		Monetary amount	
VEH16	306	Action Code	O ID 1/2
		Code indicating type of action	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **SI Service Characteristic Identification**

Position: 030

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 8

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	PID Product/Item Description
Position:	040
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349		Item Description Type	M ID 1/1
				Code indicating the format of a description	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID02	750		Product/Process Characteristic Code	O ID 2/3
				Code identifying the general class of a product or process characteristic	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID03	559		Agency Qualifier Code	X ID 2/2
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID04	751		Product Description Code	X AN 1/12
				A code from an industry code list which provides specific data about a product characteristic	
	PID05	352		Description	X AN 1/80
				A free-form description to clarify the related data elements and their content	
	PID06	752		Surface/Layer/Position Code	O ID 2/2

		Code indicating the product surface, layer or position that is being described	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PID07	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
PID08	1073	Yes/No Condition or Response Code	O ID 1/1
		Code indicating a Yes or No condition or response	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PID09	819	Language Code	O ID 2/3
		Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **MEA** Measurements

Position: 045

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 20

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA03	739	Measurement Value	X R 1/20
		The value of the measurement	
MEA04	C001	Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner	

		in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
C00105	1018	Exponent Power to which a unit is raised	O R 1/15
C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00108	1018	Exponent Power to which a unit is raised	O R 1/15
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00111	1018	Exponent Power to which a unit is raised	O R 1/15
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00114	1018	Exponent Power to which a unit is raised	O R 1/15
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X R 1/20
MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X R 1/20
MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2

MEA09 752 Surface/Layer/Position Code O ID 2/2

Code indicating the product surface, layer or position that is being described

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA10 1373 Measurement Method or Device O ID 2/4

The method or device used to record the measurement

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	REF Reference Identification
Position:	050
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>This segment is not used at the HL01 (Issuing Bank) level.</i>

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			12	Billing Account
				Account number under which billing is rendered
			14	Master Account Number
				Account number used to represent individual billing accounts which have been consolidated and/or summarized
			9X	Account Category
			CA	Cost Allocation Reference
				<i>Use for Customer Accounting Reference Number.</i>
			E4	Charge Card Number
				<i>Use for Charge Card number (i.e., number that appears on the card). Note: may not have a physical plastic card.</i>
			PID	Program Identification Number
				<i>Used to indicate the program number. Used in the Lodging detail loop (HL03 is code AF).</i>
			R8	Rental Agreement Number
				<i>Used in the Car Rental detail loop (HL03 is code AE).</i>
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use in HL07 loops with REF01 code 9X, to indicate Account Type, e.g., Corporate vs. Control vs. Individual.</i>	

Use of account types needs to be addressed. May be specific to a bank or customer.

	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **AMT** Monetary Amount
Position: 060
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Notes: *This segment is not used at the HL01 (Issuing Bank) level.*

Note in spreadsheet indicates a need to increase the maximum use to >1; at 3072, the maximum use is 5; is this sufficient?

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code		M ID 1/3
			Code to qualify amount		
			AT	Total Received	
				<i>In HL07 loops, use for Total Dollar Payment Received and applied to invoice.</i>	
			DI	Charge Off	
			GX	Total Credit	
			GY	Total Debit	
			LM	Limit	
				<i>Use to indicate credit limit.</i>	
			MD	Minimum Due	
				<i>[Note: Is this needed in commercial cards?]</i>	
			PB	Billed Amount	
				Total amount due on the period bill	
				<i>Use for cardholder total dollars charged [(Debits - Credits) + fees for this billing cycle].</i>	
			PI	Per Occurrence Monthly Limit	
			PJ	Past Due	
			PR	Per Occurrence Limit	
			T4	Total Current Balance	
Must Use	AMT02	782	Monetary Amount		M R 1/18
			Monetary amount		
				<i>When AMT01 is code PB, this is the net new charges.</i>	
	AMT03	478	Credit/Debit Flag Code		O ID 1/1

Code indicating whether amount is a credit or debit

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: DTM Date/Time Reference**Position:** 070**Loop:** LX Optional**Level:** Detail**Usage:** Optional**Max Use:** 8**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Notes:** *This segment is not used at the HL01 (Issuing Bank) level.***Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
			370	Actual Departure Date	
				<i>Used in Lodging detail loop (HL03 is code AF).</i>	
			372	Actual Arrival Date	
				<i>Used in Lodging detail loop (HL03 is code AF).</i>	
			814	Payment Due Date	
				<i>If master account is not defined in header, then due date would appear here. Payment Due Date based on trading partner agreement.</i>	
	DTM02	373	Date		X DT 8/8
			Date expressed as CCYYMMDD		
Not Used	DTM03	337	Time		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
			Code indicating the date format, time format, or date and time format		

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	DTM06	1251	Date Time Period	X AN 1/35
Expression of a date, a time, or range of dates, times or dates and times				

Segment: TXI Tax Information**Position:** 080**Loop:** LX Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Notes:** *This segment is not used at the HL01 (Issuing Bank) level.***Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	TXI01	963 Tax Type Code	M	ID 2/2
		Code specifying the type of tax		
		<i>Other qualifiers, in addition to TX, may be required.</i>		
		TX		All Taxes
				Total of all applicable taxes
TXI02	782	Monetary Amount	X	R 1/18
		Monetary amount		
TXI03	954	Percent	X	R 1/10
		Percentage expressed as a decimal		
TXI04	955	Tax Jurisdiction Code Qualifier	X	ID 2/2
		Code identifying the source of the data used in tax jurisdiction code		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
TXI05	956	Tax Jurisdiction Code	X	AN 1/10
		Code identifying the taxing jurisdiction		
TXI06	441	Tax Exempt Code	X	ID 1/1
		Code identifying exemption status from sales and use tax		
		1 Yes (Tax Exempt)		
		2 No (Not Tax Exempt)		
TXI07	662	Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
TXI08	828	Dollar Basis For Percent	O	R 1/9

Dollar basis to be used in the percent calculation of the allowance, charge or tax

TXI09 325 Tax Identification Number O AN 1/20

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

TXI10 350 Assigned Identification O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

Segment: **QTY** Quantity
Position: 090
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity 64 Past Due Quantity <i>In HL07 loops, use to indicate number of payments past due.</i>	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
Not Used	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

Segment: **SI** **Service Characteristic Identification**

Position: 100

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **NM1** Individual or Organizational Name
Position: 110
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	Entity Identifier Code		M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			<i>In HL02 to HL06 loops, code BT, PR or AO could be applicable, depending on billing arrangement. In HL08 loop, code DH is required.</i>		
			AO	Account Of	
			BT	Bill-to-Party	
			DH	Doing Business As	
				<i>Merchant "Doing Business As". Other codes may be applicable.</i>	
			PE	Payee	
			PR	Payer	
				<i>See 1/N1/100 note.</i>	
Must Use	NM102	1065	Entity Type Qualifier		M ID 1/1
			Code qualifying the type of entity		
			1	Person	
			2	Non-Person Entity	
				<i>In HL08 loop, use with NM101 code DH.</i>	
	NM103	1035	Name Last or Organization Name		O AN 1/35
			Individual last name or organizational name		
			<i>In HL08 loop, indicate the business name.</i>		
	NM104	1036	Name First		O AN 1/25
			Individual first name		
			<i>Use if appropriate.</i>		
	NM105	1037	Name Middle		O AN 1/25
			Individual middle name or initial		

<i>Use if appropriate.</i>			
Not Used	NM106	1038	Name Prefix O AN 1/10 Prefix to individual name
Not Used	NM107	1039	Name Suffix O AN 1/10 Suffix to individual name
Not Used	NM108	66	Identification Code Qualifier X ID 1/2 Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.
Not Used	NM109	67	Identification Code X AN 2/80 Code identifying a party or other code
Not Used	NM110	706	Entity Relationship Code X ID 2/2 Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.
Not Used	NM111	98	Entity Identifier Code O ID 2/3 Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: N2 Additional Name Information**Position:** 120**Loop:** NM1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify additional names or those longer than 35 characters in length**Syntax Notes:****Semantic Notes:****Comments:****Notes:** *Use only if insufficient space in 2/NM1/110. In HL08 loop, use to identify additional merchant name information from NM103, if required.***Data Element Summary**

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment: **N3** Address Information
Position: 130
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Not Used	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 140
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		<i>Use if required.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
		<i>Use if required.</i>	

Segment:	REF Reference Identification
Position:	150
Loop:	NM1 Optional
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>There is a need to increase the maximum allowable iterations of REF (currently 2).</i>

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			9Y Bank Assigned Bankers Reference Number	
			<i>Use in HL01 loops.</i>	
			BF Billing Center Identification	
			<i>Use in HL02-06 loops.</i>	
			IJ Standard Industry Classification (SIC) Code	
			SY Social Security Number	
			TJ Federal Taxpayer's Identification Number	
			VR Vendor ID Number	
			<i>Use for Merchant ID.</i>	
			VX Value-Added Tax Registration Number (Europe)	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>When HL03 is code "1", use for issuing entity ID. When HL03 is "2" to "6", use for agency or level.</i>	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	

			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **PER** **Administrative Communications Contact**
Position: 160
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER09	443	Contact Inquiry Reference	O AN 1/20

Additional reference number or description to clarify a contact number

Segment: TXI Tax Information**Position:** 170**Loop:** NM1 Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

(state, county, etc.); often called a tax exemption number or certificate number

TXI10	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **DMG** Demographic Information
Position: 175
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply demographic information
Syntax Notes: 1 If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes: 1 DMG02 is the date of birth.
 2 DMG07 is the country of citizenship.
 3 DMG09 is the age in years.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
DMG01	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG02	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
DMG03	1068	Gender Code	O ID 1/1
		Code indicating the sex of the individual Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG04	1067	Marital Status Code	O ID 1/1
		Code defining the marital status of a person Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG05	1109	Race or Ethnicity Code	O ID 1/1
		Code indicating the racial or ethnic background of a person; it is normally self-reported; Under certain circumstances this information is collected for United States Government statistical purposes Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG06	1066	Citizenship Status Code	O ID 1/2
		Code indicating citizenship status Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG07	26	Country Code	O ID 2/3
		Code identifying the country	
DMG08	659	Basis of Verification Code	O ID 1/2
		Code indicating the basis of verification Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG09	380	Quantity	O R 1/15
		Numeric value of quantity	

Segment:	ITA Allowance, Charge or Service
Position:	180
Loop:	ITA Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator		M ID 1/1
			Code which indicates an allowance or charge for the service specified		
			A	Allowance	
			C	Charge	
	ITA02	559	Agency Qualifier Code		X ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	ITA03	560	Special Services Code		X ID 2/10
			Code identifying the special service		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Must Use	ITA04	331	Allowance or Charge Method of Handling Code		M ID 2/2
			Code indicating method of handling for an allowance or charge		
			02	Off Invoice	
			<i>Use in HL03 Lodging detail loop code AF.</i>		
	ITA05	341	Allowance or Charge Number		O AN 1/16

		The number assigned by a vendor referencing an allowance, promotion, deal or charge	
ITA06	359	Allowance or Charge Rate	O R 1/15
		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		AAJ Adjustments	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 190**Loop:** ITA Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: TXI Tax Information**Position:** 200**Loop:** ITA Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	TXI01	963 Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782 Monetary Amount	X R 1/18
		Monetary amount	
	TXI03	954 Percent	X R 1/10
		Percentage expressed as a decimal	
	TXI04	955 Tax Jurisdiction Code Qualifier	X ID 2/2
		Code identifying the source of the data used in tax jurisdiction code	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956 Tax Jurisdiction Code	X AN 1/10
		Code identifying the taxing jurisdiction	
	TXI06	441 Tax Exempt Code	X ID 1/1
		Code identifying exemption status from sales and use tax	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI07	662 Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI08	828 Dollar Basis For Percent	O R 1/9
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
	TXI09	325 Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

(state, county, etc.); often called a tax exemption number or certificate number

TXI10	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 210
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

Comments:

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
- 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *This segment and loop are required when HL03 is one of codes 8, AE, AF, AH, and AL. It is used to identify the item being invoiced. In the Lodging detail level (HL03 is code AF), there will be one occurrence of this loop for each day in which lodging charges were incurred. The ITA loops will contain the information specific to which type of charges were incurred on each day.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
IT101	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>Use to indicate assigned identification.</i>	
IT102	358	Quantity Invoiced	X R 1/10
		Number of units invoiced (supplier units)	
IT103	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT104	212	Unit Price	X R 1/17

		Price per unit of product, service, commodity, etc.	
IT105	639	Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT106	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<i>IT106 through IT125 are used in pairs. Use as many of the codes listed below in IT106 to IT125 to provide the desired information.</i>	
	BP	Buyer's Part Number	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	C9	Dun & Bradstreet Standard Product and Service Code	
		<i>Use in Car Rental detail loop (HL03 is code AE).</i>	
	CB	Buyer's Catalog Number	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	CN	Commodity Name	
		<i>Use in Car Rental (HL03 is code AI), Purchase Card (HL03 is code AL), and Transportation (HL03 is code AH) detail loops.</i>	
	FS	National Stock Number	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	FT	Federal Supply Classification	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	MG	Manufacturer's Part Number	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	SK	Stock Keeping Unit (SKU)	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	TW	Program Code	
		<i>Use in Car Rental detail loop (HL03 is code AI).</i>	
	UI	U.P.C. Consumer Package Code (1-5-5)	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
	VC	Vendor's (Seller's) Catalog Number	
		<i>Use in Purchase Card detail loop (HL03 is code AI).</i>	
IT107	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT108	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT109	234	Product/Service ID	X AN 1/48

		Identifying number for a product or service	
IT110	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT111	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT112	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT113	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT114	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT115	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT116	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT117	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT118	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT119	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT120	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT121	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT122	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
IT123	234	Product/Service ID	X AN 1/48

IT124	235	Identifying number for a product or service	
		Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	
IT125	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	

Segment: **SI Service Characteristic Identification**

Position: 220

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	PID Product/Item Description
Position:	230
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<i>Use this segment in the Purchase Card detail loop to provide the additional item description.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
Not Used	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code identifying the general class of a product or process characteristic	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PID03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PID04	751 Product Description Code	X AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
	PID05	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

Not Used	PID06	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PID07	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PID09	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment:	MEA Measurements
Position:	235
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	20
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<i>Use, as required, in the Purchase Card detail loop (HL03 is code AI).</i>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		WT Weights	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		B Billed Weight	
		N Actual Net Weight	
MEA03	739	Measurement Value	X R 1/20
		The value of the measurement	
MEA04	C001	Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	

C00104	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00105	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00106	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00107	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00108	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00109	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00111	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00112	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00114	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00115	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
MEA05	740	Range Minimum	X R 1/20
		The value specifying the minimum of the measurement range	
MEA06	741	Range Maximum	X R 1/20
		The value specifying the maximum of the measurement range	
MEA07	935	Measurement Significance Code	O ID 2/2
		Code used to benchmark, qualify or further define a measurement value	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA08	936	Measurement Attribute Code	X ID 2/2
		Code used to express an attribute response when a numeric measurement	

value cannot be determined

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA09 752 Surface/Layer/Position Code O ID 2/2

Code indicating the product surface, layer or position that is being described

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA10 1373 Measurement Method or Device O ID 2/4

The method or device used to record the measurement

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: **INC** **Installment Information**
Position: 240
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify installment billing arrangement
Syntax Notes:
Semantic Notes:

- 1 INC02 is the installment period (e.g., months).
- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	INC01	336 Terms Type Code	M ID 2/2
		Code identifying type of payment terms	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	INC02	C001 Composite Unit of Measure	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00105	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00106	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00107	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Must Use	INC03	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	INC04	380	Quantity	M R 1/15
			Numeric value of quantity	
	INC05	782	Monetary Amount	O R 1/18
			Monetary amount	

Segment: TXI Tax Information**Position:** 250**Loop:** IT1 Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Discussion is needed on tax types.</i>	
			FD	Federal Tax
				Usage tax imposed by federal (US and Canadian) government
			LO	Local Tax (Not Sales Tax)
				Service tax imposed on a local level
			LS	State and Local Sales Tax
			OH	Other Taxes
			TX	All Taxes
				Total of all applicable taxes
			VA	Value Added Tax
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1

Code identifying exemption status from sales and use tax

Use may not be needed.

- 1 Yes (Tax Exempt)
- 2 No (Not Tax Exempt)

Not Used	TXI07	662	Relationship Code	O ID 1/1
Code indicating the relationship between entities				
Refer to 004010 Data Element Dictionary for acceptable code values.				
Not Used	TXI08	828	Dollar Basis For Percent	O R 1/9
Dollar basis to be used in the percent calculation of the allowance, charge or tax				
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number				
Not Used	TXI10	350	Assigned Identification	O AN 1/20
Alphanumeric characters assigned for differentiation within a transaction set				

Segment:	REF Reference Identification
Position:	260
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	8
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		ACG	Previous Ticket Number
			<i>Used to indicate ticket exchange. Used in the Transportation detail level (HL03 is code AH).</i>
		ACI	Ticket Number
			<i>Used to indicate the number of current ticket. Used in the Transportation detail level (HL03 is code AH).</i>
		BB	Authorization Number
			Proves that permission was obtained to provide a service
			<i>Used in the Transaction detail level (HL03 is code 8).</i>
		BM	Bill of Lading Number
			<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		CA	Cost Allocation Reference
			<i>Issuer Added Value. Used in the Transaction detail level (HL03 is code 8).</i>
		CR	Customer Reference Number
			<i>Number entered at point of sale. Used in the Purchase Card detail level (HL03 is code AI) and the Transaction detail level (HL03 is code 8).</i>
		E8	Service Contract (Coverage) Number
			Number or code identifying length and terms of the coverage

				<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		LC	Lease Number	<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		ON	Dealer Order Number	<i>Used in the Transaction detail level (HL03 is code 8).</i>
		PO	Purchase Order Number	<i>Used in the Purchase Card detail level (HL03 is code AI) and the Transaction detail level (HL03 is code 8).</i>
		RQ	Purchase Requisition Number	<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		SE	Serial Number	<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		SS	Split Shipment Number	<i>Used in the Purchase Card detail level (HL03 is code AI).</i>
		TN	Transaction Reference Number	<i>Used in the Transaction detail level (HL03 is code 8).</i>
		TT	Terminal Code	<i>Used in the Transaction detail level (HL03 is code 8).</i>
			A code assigned by a transportation carrier that identifies a freight terminal	
		VP	Vendor Product Number	
			A unique number assigned by a vendor or manufacturer to identify its products	
			<i>Merchant Order Number</i>	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3

			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: DTM Date/Time Reference**Position:** 270**Loop:** IT1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
Code specifying type of date or time, or both date and time			
	006	Sold	<i>Used in the Lodging detail loop (HL03 is code AF).</i>
	008	Purchase Order Received	<i>Use to indicate the date the merchant receives order. Used in the Purchase Card detail loop (HL03 is code AI).</i>
	011	Shipped	<i>Used in the Purchase Card detail loop (HL03 is code AI).</i>
	097	Transaction Creation	<i>Use to indicate the transaction date. Used in the Transaction level (HL03 is code 8).</i>
	150	Service Period Start	<i>Use to indicate the pick up date. Used in the Car Rental detail loop (HL03 is code AE).</i>
	239	Baseline	The baseline or original plan that progress is measured against <i>Used in the Purchase Card detail loop (HL03 is code AI).</i>
	321	Purchased	Date product/extended coverage was purchased <i>Used in the Lodging detail loop (HL03 is code AF).</i>
	324	Returned	

			<i>Use to indicate the vehicle return date. Used in the Car Rental detail loop (HL03 is code AE).</i>
	370	Actual Departure Date	<i>Used in the Transportation detail loop (HL03 is code AH).</i>
	472	Service	Begin and end dates of the service being rendered
			<i>Use to indicate date on which charges were incurred. Used in the Lodging detail loop (HL03 is code AF).</i>
	809	Posted	<i>Use to indicate the transaction posting date. Used in the Transaction level (HL03 is code 8).</i>
	925	Processing	<i>Used in the Transaction level (HL03 is code 8).</i>
DTM02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
DTM03	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
DTM04	623	Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
DTM06	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **MSG** Message Text

Position: 280

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes: 1 If MSG03 is present, then MSG02 is required.

Semantic Notes: 1 MSG03 is the number of lines to advance before printing.

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
	MSG02	934	Printer Carriage Control Code	X ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	MSG03	1470	Number	O N0 1/9
			A generic number	

Segment: **AMT** Monetary Amount
Position: 285
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Note there is no AMT loop (with AMT-CUR) at this position in 4010; there is an AMT segment in the IT1 loop at position 285, but no CUR at 287 or YNQ at 289.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/3
			D8 Discount Amount A reduction from the usual price <i>Used in the Transaction level loop (HL03 is code 8).</i>	
			PB Billed Amount Total amount due on the period bill <i>In the Transaction level loop (HL03 is code 8) used to indicate the billed amount, i.e., total submitted charges in US Dollars. Also used in the Purchase Card (HL03 is code AI), Transportation (HL03 is AH), and Car Rental (HL03 is code AE) detail loops.</i>	
			T3 Total Submitted Charges <i>Total submitted charges in currency of merchant. Used in the Transaction level (HL03 is code 8) loop.</i>	
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **QTY** Quantity
Position: 290
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	QTY01	673 Quantity Qualifier Code specifying the type of quantity	M ID 2/2
	QTY02	380 Quantity Numeric value of quantity	X R 1/15
	QTY03	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
	C00102	1018 Exponent Power to which a unit is raised	O R 1/15
	C00103	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018 Exponent Power to which a unit is raised	O R 1/15
	C00106	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00108	1018 Exponent	O R 1/15

C00109	649	Power to which a unit is raised	O R 1/10
		Multiplier	
C00110	355	Value to be used as a multiplier to obtain a new value	O ID 2/2
		Unit or Basis for Measurement Code	
C00111	1018	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O R 1/15
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00112	649	Exponent	O R 1/10
		Power to which a unit is raised	
C00113	355	Multiplier	O ID 2/2
		Value to be used as a multiplier to obtain a new value	
C00114	1018	Unit or Basis for Measurement Code	O R 1/15
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
C00115	649	Refer to 004010 Data Element Dictionary for acceptable code values.	O R 1/10
		Exponent	
QTY04	61	Power to which a unit is raised	X AN 1/30
		Multiplier	
QTY04	61	Value to be used as a multiplier to obtain a new value	X AN 1/30
		Free-Form Message	
		Free-form information	

Segment: **SI** **Service Characteristic Identification**

Position: 300

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	SI01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
Must Use	SI02	1000	Service Characteristics Qualifier	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	SI04	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI06	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI08	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI09	234	Product/Service ID	X AN 1/48

		Identifying number for a product or service		
SI10	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI11	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI12	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI13	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI14	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI15	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI16	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI18	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI19	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI20	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment:	ITA Allowance, Charge or Service
Position:	310
Loop:	ITA Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.
Notes:	<i>Shipping and Handling could be handled here for entire transaction.</i>

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	ITA01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
		A	Allowance	
		C	Charge	
	ITA02	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
		93	Dun & Bradstreet	
			<i>Use to indicate Agency qualifier code. Used in Lodging detail (HL03 is code AF) level.</i>	
	ITA03	560	Special Services Code	X ID 2/10
			Code identifying the special service	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331	Allowance or Charge Method of Handling Code	M ID 2/2
			Code indicating method of handling for an allowance or charge	
			<i>Use appropriate code, e.g., "06", Charge to be paid by customer.</i>	

Not Used	ITA05	341	Allowance or Charge Number	O	AN 1/16
			The number assigned by a vendor referencing an allowance, promotion, deal or charge		
	ITA06	359	Allowance or Charge Rate	O	R 1/15
			Allowance or Charge Rate per Unit		
	ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
			Total dollar amount for the allowance or charge		
Not Used	ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ITA09	332	Percent	X	R 1/6
			Percent expressed as a percent		
	ITA10	380	Quantity	X	R 1/15
			Numeric value of quantity		
	ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			DA Days		
			WK Week		
			<i>Used in the Lodging detail (HL03 is code AF) level.</i>		
Not Used	ITA12	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	ITA13	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ITA14	150	Special Charge or Allowance Code	X	ID 3/3
			Code identifying type of special charge or allowance		
		295	Discount - Special		
			<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>		
		315	Duty Charge		
			<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>		
		385	Facsimile Charges		
			<i>Used in the Lodging detail level (HL03 is code AF).</i>		
		400	Freight		
			<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>		
		420	Hazardous Materials Handling Fee - Domestic		
			<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>		

445	Insurance Fee <i>Used in the Car Rental detail level (HL03 is code AE).</i>
586	Processing Charge <i>Used in the Purchase Card (HL03 is code AI) detail level.</i>
690	Special Handling Service <i>Used in the Purchase Card (HL03 is code AI) detail level.</i>
ADV	Advances <i>Used in the Lodging detail level (HL03 is code AF).</i>
EIC	Export/Import Charge <i>Used in the Transaction level (HL03 is code 8).</i>
EXM	Excess Mileage Charge <i>Used in the Car Rental detail level (HL03 is code AE).</i>
FUE	Fuel Charge <i>Used in the Car Rental detail level (HL03 is code AE).</i>
LGD	Lodging Temporary housing <i>Use to indicate the room charges. Used in the Lodging detail level (HL03 is code AF).</i>
LID	Recurring License Fee A periodic fee charged by a manufacturer to the customer to license the manufacturer's product <i>Use to indicate SW licensing fees. Used in the Purchase Card (HL03 is code AI) detail level.</i>
MAB	Mileage or Travel <i>Used in the Lodging (HL03 is code AF) and the Car Rental (HL03 is code AE) detail levels.</i>
MLS	Meals Charge incurred for meals <i>Used in the Lodging detail level (HL03 is code AF).</i>
MSC	Other Accessorial Service Charge <i>Used in the Purchase Card (HL03 is code AI) detail level.</i>
MSG	Miscellaneous Charge <i>Used in the Lodging (HL03 is code AF) and the Car Rental (HL03 is code AE) detail levels.</i>
PRK	Parking Charge incurred for parking a vehicle

				<i>Used in the Lodging detail level (HL03 is code AF).</i>
		RAJ	Restocking Charge	
				<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>
		RLC	Rents and Leases	
				<i>Used in the Purchase Card (HL03 is code AI) detail level.</i>
		SAB	Shipping and Handling	
				<i>Used in the Transaction level (HL03 is code 8).</i>
		TAA	Telephone Charge	
				<i>Used in the Lodging (HL03 is code AF) and the Car Rental (HL03 is code AE) detail levels.</i>
		TOA	Total Assessorial Charges	
				<i>Use to indicate assessorial charge. Used in the Purchase Card (HL03 is code AI) detail level.</i>
Not Used	ITA15	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	ITA16	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Segment: DTM Date/Time Reference**Position:** 320**Loop:** ITA Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		006	Sold	
			<i>Used in the Lodging (HL03 is code AF) detail level.</i>	
		321	Purchased	
			Date product/extended coverage was purchased	
			<i>Used in the Lodging (HL03 is code AF) detail level.</i>	
		472	Service	
			Begin and end dates of the service being rendered	
			<i>Used in the Car Rental (HL03 is code AE) detail level and Lodging (HL03 is code AF) detail level.</i>	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3

Code indicating the date format, time format, or date and time format

Refer to 004010 Data Element Dictionary for acceptable code values.

DTM06 1251 Date Time Period X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment: TXI Tax Information**Position:** 330**Loop:** ITA Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			FD Federal Tax	
			Usage tax imposed by federal (US and Canadian) government	
			LO Local Tax (Not Sales Tax)	
			Service tax imposed on a local level	
			OH Other Taxes	
			TX All Taxes	
			Total of all applicable taxes	
			VA Value Added Tax	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

TXI07	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for acceptable code values.	
TXI08	828	Dollar Basis For Percent	O R 1/9
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
TXI09	325	Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
TXI10	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **NM1** **Individual or Organizational Name**
Position: 340
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	NM101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		28	Subcontractor	
			<i>Used in the Purchase Card detail level (HL03 is code AI).</i>	
		45	Drop-off Location	
			<i>Used in the Car Rental detail level (HL03 is code AE).</i>	
		IV	Renter	
			<i>Used in the Car Rental detail level (HL03 is code AE).</i>	
		QF	Passenger	
			<i>Used in the Transportation detail level (HL03 is code AH).</i>	
		R6	Requester	
			<i>Used in the Purchase Card detail level (HL03 is code AI).</i>	
		RC	Receiving Location	
			<i>Used in the Purchase Card detail level (HL03 is code AI).</i>	
		SF	Ship From	
			<i>Used in the Purchase Card detail level (HL03 is code AI).</i>	
Must Use	NM102	1065	Entity Type Qualifier	M ID 1/1
			Code qualifying the type of entity	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

NM103	1035	Name Last or Organization Name Individual last name or organizational name	O AN 1/35
NM104	1036	Name First Individual first name	O AN 1/25
NM105	1037	Name Middle Individual middle name or initial	O AN 1/25
NM106	1038	Name Prefix Prefix to individual name	O AN 1/10
NM107	1039	Name Suffix Suffix to individual name	O AN 1/10
NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
NM109	67	Identification Code Code identifying a party or other code	X AN 2/80
NM110	706	Entity Relationship Code Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
NM111	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3

Segment: **N2** Additional Name Information
Position: 350
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment: **N3** Address Information
Position: 360
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 370
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		DE Destination (Shipping)	
		<i>Use to indicate the airport code for shipment receipt. Used in the Purchase Card (HL03 is code AI) detail level.</i>	
		OR Origin (Shipping Point)	
		<i>Use to indicate the airport code for shipment. Used in the Purchase Card (HL03 is code AI) detail level.</i>	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment: **PER** **Administrative Communications Contact**
Position: 380
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		CR Customer Relations	
		DC Delivery Contact	
		RB Real Estate Property Occupant	
		<i>Use to indicate property. Used in the Car Rental (HL03 is code AE) detail level and the Lodging (HL03 is code AF) detail level.</i>	
		RE Receiving Contact	
		RQ Requestor	
PER02	93	Name	O AN 1/60
		Free-form name	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		TE Telephone	
PER04	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	

PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
PER09	443	Contact Inquiry Reference	O	AN 1/20
		Additional reference number or description to clarify a contact number		

Segment: **NX2** Location ID Component
Position: 385
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	NX201	1106	Address Component Qualifier	M ID 2/2
			Code qualifying the type of address component	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	NX202	166	Address Information	M AN 1/55
			Address information	
	NX203	1096	County Designator	O ID 5/5
			Code identifying the county within a state	

Segment: **DMG** Demographic Information
Position: 387
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply demographic information
Syntax Notes: 1 If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes: 1 DMG02 is the date of birth.
 2 DMG07 is the country of citizenship.
 3 DMG09 is the age in years.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
DMG01	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG02	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
DMG03	1068	Gender Code	O ID 1/1
		Code indicating the sex of the individual Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG04	1067	Marital Status Code	O ID 1/1
		Code defining the marital status of a person Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG05	1109	Race or Ethnicity Code	O ID 1/1
		Code indicating the racial or ethnic background of a person; it is normally self-reported; Under certain circumstances this information is collected for United States Government statistical purposes Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG06	1066	Citizenship Status Code	O ID 1/2
		Code indicating citizenship status Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG07	26	Country Code	O ID 2/3
		Code identifying the country	
DMG08	659	Basis of Verification Code	O ID 1/2
		Code indicating the basis of verification Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG09	380	Quantity	O R 1/15
		Numeric value of quantity	

Segment:	SLN Subline Item Detail
Position:	390
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<ol style="list-style-type: none"> 1. <i>One occurrence of the SLN loop is required for each type of purchase, e.g., 10 boxes of pencils at \$1.87.</i> 2. <i>It is the group's intention to evaluate line item detail elements from each card company for potential inclusion into the SLN segment. One example would be "Airline Ticket Number".</i> 3. <i>Issue: Could we use SLN01 and SLN02 to identify that the SLN occurrence is airline, travel, Pcard, etc., and provide a template?</i> 4. <i>If we need "Shipping and Handling", "Duty", and "Sales Tax" associated with a single line item, then the information must be within ITA and TXI within that SLN loop. Otherwise, the information could be in ITA/180 and TXI/250 and</i>

represent the entire transaction in HL08. IF the entire transaction is going to be a single zip-to and from a single zip-from location, this information could be at level HL08.

5. In the Transaction detail level (HL03 is code AH), there will be one occurrence of this loop for each leg of the trip.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use this data element as a counter to differentiate elements within the transactions. In the Transportation detail level (HL03 is code AH), this will be the leg number.</i>	M AN 1/20
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
	SLN04	380	Quantity Numeric value of quantity	X R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Trading Partner Agreement would specify if unit price is in US\$ or merchant's currency.</i> 02 Statute Mile DA Days DO Dollars, U.S. HR Hours WK Week	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner	O ID 2/2

			in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item AA Bill QT Quoted	O ID 2/2
Not Used	SLN08	662	Relationship Code Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
	SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in	X ID 2/2

Product/Service ID (234)

SLN09 through SLN28 are used in pairs. Use as many of the codes listed below in SLN09 to SLN28 to provide the desired information.

SLN10	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN11	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN12	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN13	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN14	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN15	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN16	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN17	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN18	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN19	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN20	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN21	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN22	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN23	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
SLN24	234	Product/Service ID	X	AN 1/48	Identifying number for a product or service
SLN25	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in

		Product/Service ID (234)		
SLN26	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SLN27	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
SLN28	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment: **SI Service Characteristic Identification**

Position: 400

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	PID	Product/Item Description
Position:	410	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	200	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05. 	
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03. 	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Not Used	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	Surface/Layer/Position Code	O ID 2/2

			Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

Segment: MEA Measurements**Position:** 415**Loop:** SLN Optional**Level:** Detail**Usage:** Optional**Max Use:** 20**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA03	739	Measurement Value	X R 1/20
		The value of the measurement	
MEA04	C001	Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner	

		in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
C00105	1018	Exponent Power to which a unit is raised	O R 1/15
C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00108	1018	Exponent Power to which a unit is raised	O R 1/15
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00111	1018	Exponent Power to which a unit is raised	O R 1/15
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00114	1018	Exponent Power to which a unit is raised	O R 1/15
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X R 1/20
MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X R 1/20
MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2

MEA09 752 Surface/Layer/Position Code O ID 2/2

Code indicating the product surface, layer or position that is being described

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA10 1373 Measurement Method or Device O ID 2/4

The method or device used to record the measurement

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: **CUR** **Currency**

Position: 420

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	

CUR06	669	Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR07	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR08	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	
CUR09	337	Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR10	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR11	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR12	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR13	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR14	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR15	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR16	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR17	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR18	337	Time	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
CUR20	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR21	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment: **INC** **Installment Information**
Position: 430
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify installment billing arrangement
Syntax Notes:
Semantic Notes:

- 1 INC02 is the installment period (e.g., months).
- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	INC01	336 Terms Type Code	M ID 2/2
		Code identifying type of payment terms	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	INC02	C001 Composite Unit of Measure	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00105	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00106	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00107	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Must Use	INC03	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	INC04	380	Quantity	M R 1/15
			Numeric value of quantity	
	INC05	782	Monetary Amount	O R 1/18
			Monetary amount	

Segment:	ITA Allowance, Charge or Service
Position:	440
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified C Charge	M ID 1/1
Not Used	ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Not Used	ITA03	560	Special Services Code Code identifying the special service Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/10
Must Use	ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge <i>Use appropriate code, e.g., "06", Charge to be paid by customer.</i>	M ID 2/2
Not Used	ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16

	ITA06	359	Allowance or Charge Rate	O R 1/15
			Allowance or Charge Rate per Unit	
	ITA07	360	Allowance or Charge Total Amount	O N2 1/15
			Total dollar amount for the allowance or charge	
Not Used	ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	ITA09	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	ITA10	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	ITA12	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	ITA13	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
	ITA14	150	Special Charge or Allowance Code	X ID 3/3
			Code identifying type of special charge or allowance	
			EIC Export/Import Charge	
			SAB Shipping and Handling	
Not Used	ITA15	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	ITA16	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Segment: TXI Tax Information**Position:** 450**Loop:** SLN Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Other qualifiers in addition to LS may be required.</i>	
			LS State and Local Sales Tax	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			1 Yes (Tax Exempt)	
			2 No (Not Tax Exempt)	
Not Used	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
Not Used	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

(state, county, etc.); often called a tax exemption number or certificate number

Not Used	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment:	REF Reference Identification
Position:	460
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CR Customer Reference Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C04006	127	Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **PER** **Administrative Communications Contact**
Position: 470
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER09	443	Contact Inquiry Reference	O AN 1/20

Additional reference number or description to clarify a contact number

Segment: DTM Date/Time Reference**Position:** 480**Loop:** SLN Optional**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			011 Shipped	
			370 Actual Departure Date	
			<i>Used in the Transportation (HL03 is code AH) detail level.</i>	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 490
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 15
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			GV Gross Value	
			<i>Use for Gross Amount (net dollars plus tax and freight). Negative Amount = Purchase Return.</i>	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

Segment: **MSG** Message Text
Position: 500
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
	MSG02	934	Printer Carriage Control Code	X ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	MSG03	1470	Number	O N0 1/9
			A generic number	

Segment: **QTY** Quantity
Position: 510
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity RT Retail Sales Quantity <i>Use to indicate maximum number of free miles. Used in the Car Rental (HL03 is code AE) detail level.</i>	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 02 Statute Mile	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10

C00107	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00108	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00109	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00111	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00112	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00114	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00115	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
QTY04	61	Free-Form Message	X AN 1/30
		Free-form information	

Segment: **SI Service Characteristic Identification**

Position: 520

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **NM1** **Individual or Organizational Name**
Position: 530
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From ST Ship To	M ID 2/3
Must Use	NM102	1065	Entity Type Qualifier Code qualifying the type of entity	M ID 1/1
	NM103	1035	Name Last or Organization Name Individual last name or organizational name	O AN 1/35
Not Used	NM104	1036	Name First Individual first name	O AN 1/25
Not Used	NM105	1037	Name Middle Individual middle name or initial	O AN 1/25
Not Used	NM106	1038	Name Prefix Prefix to individual name	O AN 1/10
Not Used	NM107	1039	Name Suffix Suffix to individual name	O AN 1/10
Not Used	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	NM109	67	Identification Code Code identifying a party or other code	X AN 2/80
Not Used	NM110	706	Entity Relationship Code Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2

Not Used	NM111	98	Entity Identifier Code	O ID 2/3
Code identifying an organizational entity, a physical location, property or an individual				

Segment: **N2** Additional Name Information
Position: 540
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment: **N3** Address Information
Position: 550
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 560
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Not Used	N401	19	City Name Free-form text for city name	O AN 2/30
Not Used	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
	N404	26	Country Code Code identifying the country	O ID 2/3
Not Used	N405	309	Location Qualifier Code identifying type of location	X ID 1/2
Not Used	N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **REF** **Reference Identification**
Position: 570
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 8
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
	REF04	C040 Reference Identifier	O
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	C04002	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04003	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C04004	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04005	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **PER** **Administrative Communications Contact**
Position: 580
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER09	443	Contact Inquiry Reference	O AN 1/20

Additional reference number or description to clarify a contact number

Segment: **DMG** Demographic Information
Position: 585
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply demographic information
Syntax Notes: 1 If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes: 1 DMG02 is the date of birth.
 2 DMG07 is the country of citizenship.
 3 DMG09 is the age in years.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
DMG01	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG02	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
DMG03	1068	Gender Code	O ID 1/1
		Code indicating the sex of the individual Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG04	1067	Marital Status Code	O ID 1/1
		Code defining the marital status of a person Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG05	1109	Race or Ethnicity Code	O ID 1/1
		Code indicating the racial or ethnic background of a person; it is normally self-reported; Under certain circumstances this information is collected for United States Government statistical purposes Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG06	1066	Citizenship Status Code	O ID 1/2
		Code indicating citizenship status Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG07	26	Country Code	O ID 2/3
		Code identifying the country	
DMG08	659	Basis of Verification Code	O ID 1/2
		Code indicating the basis of verification Refer to 004010 Data Element Dictionary for acceptable code values.	
DMG09	380	Quantity	O R 1/15
		Numeric value of quantity	

Segment:	TCD Itemized Call Detail
Position:	590
Loop:	TCD Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify detail information for itemized calls
Syntax Notes:	<ol style="list-style-type: none"> 1 If either TCD04 or TCD05 is present, then the other is required. 2 If either TCD07 or TCD08 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 TCD12 is an undiscounted amount. 2 TCD13 is a net amount after the discount has been applied to the amount in TCD12. 3 TCD14 is an undiscounted amount. 4 TCD15 is a net amount after the discount has been applied to the amount in TCD14. 5 TCD16 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 TCD01 is the detail information. 2 TCD02 is the date of the call. 3 TCD03 is the connect time of the call. 4 TCD04, TCD05, and TCD06 are the 'to' location of the call. 5 TCD07, TCD08, and TCD09 are the 'from' location of the call. 6 TCD10 and TCD11 are the total duration of the call. TCD10 is the time measured in minutes or minutes and tenths of minutes. TCD11 is time measured in seconds or seconds and tenths of seconds.

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	
TCD01	350 Assigned Identification	O AN 1/20
	Alphanumeric characters assigned for differentiation within a transaction set	
TCD02	373 Date	O DT 8/8
	Date expressed as CCYYMMDD	
TCD03	337 Time	O TM 4/8
	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
TCD04	309 Location Qualifier	X ID 1/2
	Code identifying type of location	
	Refer to 004010 Data Element Dictionary for acceptable code values.	
TCD05	310 Location Identifier	X AN 1/30

		Code which identifies a specific location	
TCD06	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
TCD07	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
TCD08	310	Location Identifier	X AN 1/30
		Code which identifies a specific location	
TCD09	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
TCD10	739	Measurement Value	O R 1/20
		The value of the measurement	
TCD11	739	Measurement Value	O R 1/20
		The value of the measurement	
TCD12	782	Monetary Amount	O R 1/18
		Monetary amount	
TCD13	782	Monetary Amount	O R 1/18
		Monetary amount	
TCD14	782	Monetary Amount	O R 1/18
		Monetary amount	
TCD15	782	Monetary Amount	O R 1/18
		Monetary amount	
TCD16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **SI Service Characteristic Identification**

Position: 600

Loop: TCD Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: TXI Tax Information**Position:** 610**Loop:** TCD Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate	

	number	
TXI10	350	Assigned Identification
		O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set

Segment:	ITA Allowance, Charge or Service
Position:	615
Loop:	TCD Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248		Allowance or Charge Indicator	M ID 1/1
				Code which indicates an allowance or charge for the service specified	
	ITA02	559		Agency Qualifier Code	X ID 2/2
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA03	560		Special Services Code	X ID 2/10
				Code identifying the special service	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331		Allowance or Charge Method of Handling Code	M ID 2/2
				Code indicating method of handling for an allowance or charge	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA05	341		Allowance or Charge Number	O AN 1/16
				The number assigned by a vendor referencing an allowance, promotion, deal or charge	
	ITA06	359		Allowance or Charge Rate	O R 1/15

		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **QTY** Quantity
Position: 617
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

Refer to 004010 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00109	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Refer to 004010 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00112	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Refer to 004010 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00115	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
QTY04	61	Free-Form Message	X AN 1/30
Free-form information			

Segment: **SI** **Service Characteristic Identification**

Position: 618

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **USD** Usage-Sensitive Detail
Position: 620
Loop: USD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify usage-sensitive details which qualify for discounts or are subject to special rates

Syntax Notes:

- 1 Only one of USD03 or USD04 may be present.
- 2 If USD03 is present, then at least one of USD06 USD07 or USD08 is required.
- 3 If USD04 is present, then at least one of USD08 or USD09 is required.
- 4 If either USD05 or USD06 is present, then the other is required.
- 5 If USD07 is present, then both USD05 and USD06 are required.
- 6 If USD10 is present, then at least one of USD11 or USD12 is required.
- 7 If USD11 is present, then USD10 is required.
- 8 If USD12 is present, then USD10 is required.

Semantic Notes:

- 1 USD01 is a code indicating the relationship of the price or amount to the associated segment.
- 2 USD03 is the allowance or charge rate per unit.
- 3 USD04 is the discount percentage.
- 4 USD06 is the quantity of usage.
- 5 USD07 is a quantity of usage different than the quantity in USD06. When USD07 is present, it is used in conjunction with USD06, and then the rate USD03 is applied.
- 6 USD09 is the total amount of terms discount.

Comments:

- 1 If both USD03 and USD08 are present, then USD08 takes precedence.
- 2 If USD11 is present and USD12 is not present, then the range is open ended.
- 3 If USD12 is present and USD11 is not present, then the minimum is zero.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	USD01	662 Relationship Code	M ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	USD02	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
	USD03	118 Rate	X R 1/9
		Rate expressed in the standard monetary denomination for the currency specified	
	USD04	954 Percent	X R 1/10
		Percentage expressed as a decimal	
	USD05	C001 Composite Unit of Measure	X

			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00115	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
	USD06	380	Quantity	X R 1/15
			Numeric value of quantity	
	USD07	380	Quantity	X R 1/15
			Numeric value of quantity	
	USD08	782	Monetary Amount	X R 1/18
			Monetary amount	
	USD09	610	Amount	X N2 1/15
			Monetary amount	
	USD10	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00111	1018	Exponent	O R 1/15

		Power to which a unit is raised	
C00112	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00114	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00115	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
USD11	740	Range Minimum	X R 1/20
		The value specifying the minimum of the measurement range	
USD12	741	Range Maximum	X R 1/20
		The value specifying the maximum of the measurement range	

Segment: **SI Service Characteristic Identification**

Position: 625

Loop: USD Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	ITA Allowance, Charge or Service
Position:	630
Loop:	USD Optional
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248		Allowance or Charge Indicator	M ID 1/1
				Code which indicates an allowance or charge for the service specified	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA02	559		Agency Qualifier Code	X ID 2/2
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA03	560		Special Services Code	X ID 2/10
				Code identifying the special service	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331		Allowance or Charge Method of Handling Code	M ID 2/2
				Code indicating method of handling for an allowance or charge	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA05	341		Allowance or Charge Number	O AN 1/16
				The number assigned by a vendor referencing an allowance, promotion, deal or charge	

ITA06	359	Allowance or Charge Rate	O R 1/15
		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **TRF** **Rating Factors**

Position: 640

Loop: USD Optional

Level: Detail

Usage: Optional

Max Use: 18

Purpose: To specify rating information used to calculate usage-sensitive charges

Syntax Notes:

Semantic Notes:

Comments:

- 1 TRF01 defines the rating basis (e.g., acknowledged calls, minimum period, etc.) for the segment.
- 2 TRF02 and TRF03 define equivalent units per standard unit.
- 3 TRF04 and TRF05 define the standard unit.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Must Use	TRF01	673	Quantity Qualifier Code specifying the type of quantity Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	TRF02	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Must Use	TRF03	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	TRF04	C001	Composite Unit of Measure	M
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00106	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
C00107	355	Unit or Basis for Measurement Code		O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C00108	1018	Exponent		O R 1/15
		Power to which a unit is raised		
C00109	649	Multiplier		O R 1/10
		Value to be used as a multiplier to obtain a new value		
C00110	355	Unit or Basis for Measurement Code		O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C00111	1018	Exponent		O R 1/15
		Power to which a unit is raised		
C00112	649	Multiplier		O R 1/10
		Value to be used as a multiplier to obtain a new value		
C00113	355	Unit or Basis for Measurement Code		O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C00114	1018	Exponent		O R 1/15
		Power to which a unit is raised		
C00115	649	Multiplier		O R 1/10
		Value to be used as a multiplier to obtain a new value		
Must Use	TRF05	380	Quantity	M R 1/15
			Numeric value of quantity	

Segment: **QTY** Quantity
Position: 650
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

Refer to 004010 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00109	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Refer to 004010 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00112	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Refer to 004010 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O R 1/15
Power to which a unit is raised			
C00115	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value			
QTY04	61	Free-Form Message	X AN 1/30
Free-form information			

Segment: **SI Service Characteristic Identification**

Position: 660

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **III Information**
Position: 670
Loop: III Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To report information
Syntax Notes: 1 If either III01 or III02 is present, then the other is required.
 2 If III03 is present, then at least one of III04 or III05 is required.
Semantic Notes: 1 III03 is used to categorize III04.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
III01	1270	Code List Qualifier Code	X ID 1/3
		Code identifying a specific industry code list	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
III02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
III03	1136	Code Category	O ID 2/2
		Specifies the situation or category to which the code applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
III04	933	Free-Form Message Text	X AN 1/264
		Free-form message text	
III05	380	Quantity	X R 1/15
		Numeric value of quantity	
III06	C001	Composite Unit of Measure	O
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

C00105	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00106	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00107	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00108	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00109	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00111	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00112	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00114	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00115	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
III07	752	Surface/Layer/Position Code	O ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
III08	752	Surface/Layer/Position Code	O ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
III09	752	Surface/Layer/Position Code	O ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **DTP** **Date or Time or Period**
Position: 680
Loop: III Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify any or all of a date, a time, or a time period
Syntax Notes:
Semantic Notes: 1 DTP02 is the date or time or period format that will appear in DTP03.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTP01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	DTP02	1250 Date Time Period Format Qualifier	M ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	DTP03	1251 Date Time Period	M AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 690
Loop: III Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **PCT** Percent Amounts
Position: 700
Loop: III Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

Segment: **LQ** **Industry Code**
Position: 710
Loop: LQ Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **AMT** Monetary Amount
Position: 720
Loop: LQ Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **PCT** Percent Amounts
Position: 730
Loop: LQ Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

Segment: **FA1** Type of Financial Accounting Data
Position: 740
Loop: FA1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:**Data Element Summary**

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA101	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA102	1300	Service, Promotion, Allowance, or Charge Code	O ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA103	248	Allowance or Charge Indicator	O ID 1/1
			Code which indicates an allowance or charge for the service specified	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **FA2** Accounting Data
Position: 750
Loop: FA1 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
Must Use	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	FA202	1195 Financial Information Code	M AN 1/80
		Code representing financial accounting information	

Segment: **TDS** **Total Monetary Value Summary**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	610	Amount Monetary amount	M N2 1/15
	TDS02	610	Amount Monetary amount	O N2 1/15
	TDS03	610	Amount Monetary amount	O N2 1/15
	TDS04	610	Amount Monetary amount	O N2 1/15

Segment:	ITA Allowance, Charge or Service
Position:	020
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248		Allowance or Charge Indicator	M ID 1/1
				Code which indicates an allowance or charge for the service specified	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA02	559		Agency Qualifier Code	X ID 2/2
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA03	560		Special Services Code	X ID 2/10
				Code identifying the special service	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331		Allowance or Charge Method of Handling Code	M ID 2/2
				Code indicating method of handling for an allowance or charge	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA05	341		Allowance or Charge Number	O AN 1/16
				The number assigned by a vendor referencing an allowance, promotion, deal or charge	

ITA06	359	Allowance or Charge Rate	O R 1/15
		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 030**Loop:** ITA Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **REF** **Reference Identification**
Position: 035
Loop: ITA Optional
Level: Summary
Usage: Optional
Max Use: 5
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **BAL** Balance Detail
Position: 040
Loop: BAL Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating the type of balance	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	BAL02	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	BAL03	782	Monetary Amount	M R 1/18
			Monetary amount	

Segment: DTM Date/Time Reference**Position:** 050**Loop:** BAL Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **N1** Name
Position: 060
Loop: N1 Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	Data			
Des.	Element	Name		Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **BAL** Balance Detail
Position: 070
Loop: BAL Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating the type of balance	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	BAL02	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	BAL03	782	Monetary Amount	M R 1/18
			Monetary amount	

Segment: DTM Date/Time Reference**Position:** 080**Loop:** BAL Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	ITA Allowance, Charge or Service
Position:	090
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248		Allowance or Charge Indicator	M ID 1/1
				Code which indicates an allowance or charge for the service specified	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA02	559		Agency Qualifier Code	X ID 2/2
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA03	560		Special Services Code	X ID 2/10
				Code identifying the special service	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331		Allowance or Charge Method of Handling Code	M ID 2/2
				Code indicating method of handling for an allowance or charge	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA05	341		Allowance or Charge Number	O AN 1/16
				The number assigned by a vendor referencing an allowance, promotion, deal or charge	

ITA06	359	Allowance or Charge Rate	O R 1/15
		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 100**Loop:** ITA Optional**Level:** Summary**Usage:** Optional**Max Use:** 2**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 102
Loop: ITA Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **SI Service Characteristic Identification**

Position: 103

Loop: ITA Optional

Level: Summary

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	SI01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000 Service Characteristics Qualifier	M AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	SI04	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI06	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	
	SI07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
	SI08	1000 Service Characteristics Qualifier	X AN 2/2
		Code from an industry code list qualifying the type of service characteristics	

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	REF Reference Identification
Position:	105
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	5
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	CUR Currency
Position:	106
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	

CUR06	669	Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR07	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR08	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	
CUR09	337	Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR10	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR11	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR12	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR13	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR14	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR15	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR16	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR17	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR18	337	Time	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
CUR20	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR21	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment: **LX** **Assigned Number**
Position: 107
Loop: LX Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	

Segment: **REF** **Reference Identification**
Position: 108
Loop: LX Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
	REF04	C040 Reference Identifier	O
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	C04002	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04003	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	C04004	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04005	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **AMT** Monetary Amount
Position: 109
Loop: AMT Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 110**Loop:** AMT Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	ITA Allowance, Charge or Service
Position:	111
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	ITA01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA02	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA03	560 Special Services Code	X ID 2/10
		Code identifying the special service	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ITA04	331 Allowance or Charge Method of Handling Code	M ID 2/2
		Code indicating method of handling for an allowance or charge	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	ITA05	341 Allowance or Charge Number	O AN 1/16
		The number assigned by a vendor referencing an allowance, promotion, deal or charge	

ITA06	359	Allowance or Charge Rate	O R 1/15
		Allowance or Charge Rate per Unit	
ITA07	360	Allowance or Charge Total Amount	O N2 1/15
		Total dollar amount for the allowance or charge	
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA09	332	Percent	X R 1/6
		Percent expressed as a percent	
ITA10	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA12	380	Quantity	X R 1/15
		Numeric value of quantity	
ITA13	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
ITA14	150	Special Charge or Allowance Code	X ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA15	822	Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
ITA16	662	Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITA17	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 112**Loop:** ITA Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **CTT Transaction Totals**
Position: 115
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	CTT01	354 Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	
	CTT02	347 Hash Total	O R 1/10
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
	CTT03	81 Weight	X R 1/10
		Numeric value of weight	
	CTT04	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
	CTT05	183 Volume	X R 1/8
		Value of volumetric measure	
	CTT06	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
	CTT07	352 Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **SE** Transaction Set Trailer
Position: 120
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	